

ABSTRACT

An analog/digital-compatible front-end module comprises a high frequency amplifier 9 for amplifying a high frequency signal received by an antenna 1; a frequency converter circuit 11 for frequency-converting an output signal from the high frequency amplifier 9 to output an intermediate frequency signal; an analog demodulator 5; a digital demodulator 6; an analog/digital switch 4 for selectively feeding an output signal from the frequency converter circuit 11 to the analog demodulator 5 or to the digital demodulator 6; and an AGC signal switch 7 for controlling gain of the high frequency amplifier 9 in accordance with a gain control signal obtained from the analog demodulator 5 during an analog broadcast reception, while controlling gain of the high frequency amplifier 9 in accordance with a gain control signal produced from the output signal from the frequency converter circuit 11 during a digital broadcast reception.